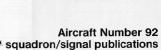


# OV-1 Mohawk in action

By Terry Love Color by Don Greer Illustrated by Perry Manley





e 225th Ariation Company, Phontons Howks. Milke Langer later brought this



COPPRIGHT TO THE SOCADRONNICNAL PURCH ATTOMS INC. THE CHARMAN BY DRIVE CARROLLTON TEXAS 1981-904

NBN 9-89247-2152

If you have any photographs of the niceraft, armor, soldiers or ships of novagious perfecularly warring suspeliers, who more share them with a send belomake Squadron/Squad's books all the more interesting and complete in thefarers. Are photograph sensits as widths capied and the original returned. The denor

### Photo Credits and Acknowledgements

This book is respectfully dedicated to any pagest wife. Carol, and all Medicate The author wishes to thunk all of the people who assisted with this project and sur-

Army Ariation Museur

But Chenowed Port Hadem of The Cobra Compars Israeli Deferse Ministri

U.S. Army Military History Institute

The first production CV-1A Mohawk (60-2403) over Long bland during 1961. During its test-



### INTRODUCTION confirement for the development of a joint service high performance alreagh for observation, artiflery meeting, recommissioners

commend and utility use. On 15 February 1956, a merting was held between the Army Chief of Research and Development and the representatives of six aircraft companies including Course on At this meeting each coursely engered its processals for the new After receiving these percently the Army propaged the final specifications, which

when receiving more propositioned Affrey proposed are trade specifications, which same time frame the DOD was studying Army and Air Force fixed ving sirroraft requirements with a view regard proiding duplication of missions between the two reprose-This study led to a decision by Secretary of Defense Wilson to place a 5,000 pound weight recticion on Army agresalt, limiting the size of girerall the Army could precess Immedican's following this decision the Arms requested two exceptions: The floor was the the procurement of the de Havilland DHC-4 Caribra and the second was for continued participation is the development of the high performance observation already DOD

During hors of 1956, the Army issued Type Specification TS145, which collection the development and progression of a two seat, twinturbetrop aircraft designed to operate from small, unimproved fields under all weather conditions. Its missions would be take observation antiline mention signorated entered engages resupply, navel target spotting. Haison and redicionical menitoring. The Navy also specified that the arrests must be canable of operating from except class carriers In March of 1957, the DOD announced that the Gramman Aircraft Cornoration had

been decimated the prime construction to build the new observation along the decimated resident the company designation G-134. While the Army terrained the controlling scenes, the Nary, acting on behalf of the Marines, was heavily involved and weakful and important role in the afrorest's development Since its consenting, the Grunman G-DA was the center of contraversy. The Army and Marine recovery politically and all all control properties were ready that united neither service. From the Army's viewnount, the design was compromised by

the abitabased security agent and other Marine uses finations which had little agent section the an Association already. The Marines mercially fixed-wing replacement for the Creens OE-1, and they did not require sophisticated seasons which were planned for The G-114 had armament pylons because of a Marine requirement that the aircraft the CP114 and armitteen pytons occurs or a regarding requirement from one materials by capable of our beinging light affact rejusions. The Air Farce of condensated this force ture - tactical air support was the role of the Air Force, norths Army, New all Sources

vices were involved with the development of the Gallit. The buttle were the six exposer structure and he med that at one point the Air Elect demonstration of the Comment of the In Section by a f 1967, the Mariner appropriately that they were decorated the CLAM moram. Due to budgetary problems, the Navy had decided to find a fleet tarker trates of the Gall 4. The Army decided to continue the project place and you consult released to be free of the Marine requirements. The first correct collect for sine service pleased to be to be built under the designation YAO-IAF. Even though the Marines had discovery the programs the designation Olivi was research for a Maximus resistor.

This wooden mockup of the Michaels, built during the Suremer of \$167, has the paginal Tital the wooden more ap or treatment, then coming the between or 1107, national beginner to constitution, snew stea. 150 calles drop task, and proposed arrespect system. (Brownsal)

tive "bur event" lank caused by the large bulged cancery fitted over the two place controls which housed the crew in nick-buside Martin Buley falls specing out The Army had specified a two place aircraft because it felt that a single prior could not concerne on low loved flating and at the paper time, which the terrain below. The terrain halos figuration was choose to reduce the attent's voltecability to ground fire

The original G-13s Gatured a high "T" tail, however, wand to need to be one yield that the aircraft world be immersible to trim disperienable with one ender out or four resecting to a newscool-general system. Such a system would add considerable weight to the also raft and would increase maintenance provings and A nonwest control parters would also cause interference with other mechanical systems and cause him problems when the flare sees lowered. After a great deal of greaters are officer and send toward tests, the YAO LAF was fitted with a unique triple vertical stabilizer. The triple stabilizer feets, the TAO TAP was more with a unique triple vertical statistics, one impressaments because also received to be an unexpected, example of early "steady" sechanically in constiing a smaller overall surjay representation than the original Table

The first VAC-1&F Minhards (57-6462) on a test Sight over Long latent. Navy York during the Surrange of 1019, hard the Assetting connected with uson table to percent the six flow over the fuselage. The evolvowwisdows and small rear coduction windows were deleted on production Mohewka, (Grymmen)





The first VIXO-1AF cashed a high histolity fixed and White tool color scheme in the Summer of 1991. The long probe fine to the room was a last isstrument grote and was painted with and with the first Source Color and William Source Color and William Source Color and William Source Source Color and William

The YAG-FAF made is free flight on 14 April 1999 at belappen, Long labrad, New YAG, From the heppinning the cost propriesed associately, with only mixing repulsions being accommend. On the first flight, it can discovered that the deviators were too heavy, a publish which we really corrected. The flight is to an afficient of the control with the YAG had material right [characteristics. It was fully aerobotic and the cantrols were tend to be very respective, capacitally in refl. The YAG-JAF provide to law one of the

found to be very respective, capacitally in reft. The YAO-IAF proved to have one of the least real rate of any account. In close 18 degrees yet second, that place repetited that the YAO-IAF's flight characteristics were mid-say between those of a light accord and any fightor. One of the province of the YAO-IAF to expedit of operating from rough Choice of the program of the province of the pr

thill-span wing bearing edge sizes, ropke firm and moders and large large. The view from the cockies one reported to be currently and, even through the builder estimated weaknesses, with a measurement of the control of the builder estimate from sundaneous, with an uncontrol of the control of the control of the control of the sundaneous estimated that the control of the control o

16.000 hours
The 27 pillon fixedage task give the useraft in endertain of the hours and leaves institute, however, the interest days had the root that one in the interest pillon interest personal to the control of the interest pillon interest p

with a machine gun — it passed the test.

The original specifications called for a gress weight of 10.421 pounds, however, the
Year of the region of 11.023 pounds. This has been unlicitated because of the additional
account account for reason field approximate and was accounted by the Anny.

During high speed tests, where the YAO-1AF reached a speed of 460 upph, the atternal loss in center that not rudder. The failure was found to have been caused by executive with unition and was easyly fazed, which high was intained on a the rudder can do half pound of weight was a doed to the rudder trim tab. This ended the what on problem, and the other either strong one another man and the other either strong as actual warr all modified with the new order the and rudder.

Masso file fight seeing was done at the Nova Fight. For Center is NAS Passesson. Here Maylands, Deveror other XAS-IA's ween senjoned some sine Amyland intelligent intelligent to Army Avantom Bond at Fort Border, Althorns. The Army Signal Copper position Copp developed the purpose that of materials are provided to the proposition Copp developed the purpose that and materials on program. During the sees, the Army Avantom Bond found that the none wheel identify was made quantity to be seen for the proposition found by the first of with the copper and the proposition found that the first of with the copper and the proposition found that the first of with the copper and the proposition found that the first of with the copper and the proposition found that the first of with the copper and the proposition found that the first of with the copper and the co

Originally, no YAO-IAF was to be named Montank, after a Lung Island tribe of Indians that lived near Gramman Alexand. This was a fitting name, see the Army manufil in nitrod after Indian within The Montank with, lowers, was tribustly unknown and the Army decided to many the nitrod tribe a more well-known and aggressive New york Indian without the White Many.

With the service ascend redesignations of 1962, the YAO LAF was accompanted the YAO LAF after completing all tests the Army accepted the Mishauk and ordered the aircraft into production under the designation ON-IA.

This pre-production YAO-1AF Mohawk (\$7-5487) carried Army markings and special Red and Wittle test color scheme, towerer, it was assigned to feet J.S. Nary Test Pitots School at Passauri Rev. Married Advisor. Act of 1896. (Advisor)



When the Mohawk entered service, it was the first turbeprop powered aircraft to enter the Army inventors. Army pilots, used to slow, piston-engined aircraft Suand the Mohawk to be a "hot shim." Its power and responsiveness tempted some mints to show off, possibling in more than a few accidents. The upend and responsiveness of the Mohamik size led the Jim Peters flew an OV-1A to 3,000 meters (9,842 feet) in three minutes, forty-one seconds. and to 6,000 meters (19,685 Feet) in nine minutes, nine seconds, setting two new time to climb records. He also set a new world altitude record for nathopoup aircraft in the Mchawk's weight class of 32,000 feet. The following month. COL Edward Nielaus flows Mohawk to a new turbopeon speed record when he covered a 100 km closed course in twelve minutes, fortu-right seconds for an average aport of 202 mah.

Two early production Mohawks were also used for a number of special spec. In one such test, the two OV-1As deployed to Fort Greeks, Alaska, during February of 1967 to such test, the two UV-1As deputyed to rost content, Assista, duting remains or rm. to conduct cold weather tests. During the Alaskan winter exercise, Operation GREAT a near perfect mission availability rate.



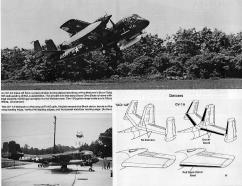
Nose Whee

# The box like gods on the wing roots are night photo flare-dispansars which fired the flares so









### JOV-1A

points built into the wing to handle up to its underwine prions, of househouse OV-LAs tion of the full correlement of six underwing reliens. These extens were canable of carryin bombs. Socializer machine run nods or 225 inch noder nods. These Molecule had the cocked medified with a Mark 20 gamaght being installed for use by the pilot. The The Army stated that the sole purpose for armine the Mohawk was for fire suggested

the gain pods would allow the Mohawk pilot to suppress enemy defenses long month to Mahawks, being based at forward bases, could be over the target area much faste: than other air support aircraft that were confined to large bases further back from the

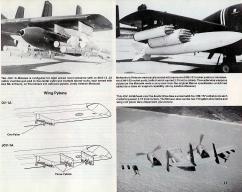
could carry a variety of other ordnance including 500 nound bombs. Mk 24 flares, and

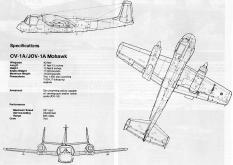


The JOY-1A had carated a garm of continuers in the Pentianon where the Air Surve remained stendingly apposed to armed fixed using assertal being assigned to be Arms Six XVV-1A Mohando were assigned to the 23rd Special Worker Assisting Detachport mission to the Air Force. The ROY-1A Mohanks were once manin redesimated in other Army aviation units in Vietnam and continued to serve in-country when, on more The Michael's was cleared to carry the Aero Products IM-157 seven shor 2.75 tech versus rest.



This JOV-1A Mohawk demonstrates its lose carrying capability by tiking off with a lead of four World War II vintage 560 pound bombs on the wing pylons. (Grunnesse)





### OV-1B

The next Mohavk variant in the Aemy plan featured a Side Looking Airbonne Radio (SLAR) mounted any mentifically in an eighteen foot pool under thousarboned tide of the forward foot pay under the designation OV-18 in a addition to the SLAR system the OV-18 was to retain the photographic capabilities of the CX-1A. One of the original service to

YAO-LAFs (37-664) was used by Gramman as the prototype and converted to the OW-BI confidence.
Boildes installation of the eighteen foot fiberglass SLAR post, a number of other than the confidence of t

wingsprach of Teet 10 Vs stacks from 8 Teet. To save veight, the frauding with while some very light controls, and four of the workering spraces were digeted, between receive my period was a final to the stack of the stack of

OH SLAM unit with encounts fill the processing. This system grows, within seconds of coppount, a permanent film record or drade images on either index or both index of the flight pails, depositing on the mode of operation selected by the LLAM operator. The SLAM offered party integroned language groups executions of mining suggests, operating the pair of the secondary films improved surredinate capability in examp what the Array warned and notwork.

ted Linguist prints (e.g., incanneed use Company ships in shipsy consultant to be selected to the MTI feature was used commissed; in Venture to member exempt selected their prints of the MTI feature was used commissed; in Venture to member exempt selected their prints of their prints o

exchange for granting Gramman the American rights to the Brequet Adamtic maximum power aircoast Proposed Biospean revisions of the Addressed were to have been powred by the stone powerful of the Hamiltonia Gramma statistics gramma, however, because of policies clossifications producious on extent for the Broupeaus Molesta knew material icost. In response to a requirement from the Philippine government for a new armed tur-

In response to a requirement from the Philippine government for a new semant lines becope stated, about the to tend against. Librata-responsed communities insurgense, Gramman peoposed medifying twenty OV-10 Medicarks in fift the counter-insurgency (CNN) yold. These areas (OV-10 the recent and in completion with he Received OV-100, thrones for the Philippine contract, however, consuming problems ensuited in the canculation of the project and neither accord was questioned.

One OV-18 (63-5908) was converted for tests with in-digital relateding equipment. As straight effecting bown was encouraged at the base of the front in-testing 25.4.4 unit amount. The 59-90m was successfully tested, however, it was not adopted for production. The SV-IR forginally EV-IV has an OV-18 movemed for electronic carrellance with an AN/ALO-73 testing to exact registers measured in place of the SLAR ped and in where the road. This residence measured in the measurement of which the successful is the successful of the successful in the successful and when the successful in the successful



extended steamy three text. Vocasions (the way sparts to I are 10 to Martina Character, Than O'r's 19 was considered with an allocation of the control of th

The first production CV-18 (59-2821) damps Bight test of the BLAR unit. The BLAR unit was housed in an 18 tool fibergrass pod hang onymmetrically bareasts the standard dural age. The CV-18 also cemies on ARM-129 Diagon Navagasion system which imprints annotated stream position date on the SLAR files. Convenient







SLAR Installation





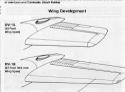




1967. The Michaels featured base overing county which advanced for over process to the engines, (J.S. Army) Soud 12, an OV-18 (64-) 6261) of the 131st SAC, testes out post a C-123 and alice of 8943 Speci 12, an O'v 18 (64) supply of the Land Books, these our peak to be seen that the seen of the seen desired the seen of the 1964. One of the reliabose of the 131st was to maintain surveillance over the DMZ between North and South Victory, (Tors Horsey via Wives Medical



increase their endurance Most CV-18 minutes from the 15 to 1







### OV-1C

basically being an OV-IA airframe modified to carry a UAS-4 infrared ground uses will are a secon and data transmitter mounted behind a dielectric panel on the under sión of the fusciage. Late production OV-1Cs were medified further, with the infrared sensor bring relocated to a pod on the fuselage underside just behind the wing. This road also contained a panoramic carriers and and anti-cellision light rotating beaces. A number of these late production OV-ICs also featured a nose required panceagain camera with two camera windows mounted at the extreme end of the nose. This camera recorded a DD degree sports about of the singraft. When the camera was not in all on the comera west was covered by a metal plate. This note on mera was also retrolitted to many The Red Have influent system installed on the OV-IC was used to detect with the house

traces of track engines, comprises, prother disturbs noes entire with higher by during as not fortweight footwing and the deleted air brake of the OV-III sinframe. All further OV-As with the OV-1B, late production OV-1Cs had the 1.005 sky Excerning TS3-L-2

engines replaced with 1.159 shp Lycoming T-53-L-15 engines. The OV-1Cs produced with the L-15 expines were called "super Cs." A total of forty-right were produced and underwin's forogrations in Vietnam where it had been found that that all reserved air. craft tacked the nower needed to drive an improved air conditioning system. The bishor capacity air conditioner was needed both for the cocked and for cooling the occionent brys against the high temperatures found in Southeast Asia. Later, early production OV ICs were retrofitted with the T-53-L-15 expires during scholuled overhoods The wing slats, which had promised to be very effective in reducing the Mohawk's landing spood and had been successfully tested in used troughteens, on flight tests with

operational conditions found in Vienness and as a result were nearly behad closed or the OV-IC and also OV-IIIs connection in Secretary Asia The CIY-IC was also used to set a number of records for turbources necessary aircraft The DY-IC records are unusural in that they received one of the few annial seconds 293rd Aviation Company hased at Ford Hood. Texas set there new time-to-climb records The Michael above a new altitude record of 39,880 feet (peak altitude) and 26,352 feet

CV-ICs serving in Vietnam with the 73rd SAC were initially continued with that IAS-4 infrared waser. These aircraft were later updated with improved amories and other equipment, including the year flatelasts and mounted AAS, 14 in feared data waters. The AAS-14 features a data-link transmitter which sends the film data in real-time as a comventional FM signal. This capability permitted strikes to be incurred spaint treesdetected by the GY-IC within accords of being detected. The more advanced infrared seasor is reportedly expuble of detecting small heat seurces such as croking fires, a resoluless rifle flash, or a truck environ that has been marked for as lang as aistons bours All DV:1 variants initially used as above the wine recented above flare and carrying Asland Boillars contridges that were fired upward and outward from the aircraft for night photography. These flares, being pyrotechnic, were actually of limited capacity and consert a name her of harvel increase bear aim the field. As a pour keef as particular in Vistorian the use of the flare needs was clascontinued after 1906 in Cover of an electronic flasher pool which was mounted on the outboard underwing refere



Nose Development





CM-1C/DV-1A

During 1961 a number of specially modified OV-ICs were deviced to Victoria under the code name Security Project (Concre). These were used by the 131st Astation Company at Phu Bai Vietnam until 1972 and reportedly were equipmed with a multimillion dollar sensor and avionics puckage, although the aircraft were externally identical to a standard OV-IC. Their uses, functions, and missions remain classified The RV-IC (later changed to RV-ID) designation was used for OV-ICs that services verted for permanent use in the electronic reconnaissance role under the Onix Lock ( rement to personally identical to standard CV-IC there aircraft carried interswell and

During 1964 production of the Mohawk was halted until the Army and Air Force could reach an agreement on which service would operate the Mohavk land other Arms fixed wing assets). Fixally an agreement was reached that transferred tactical air support solely to the Air Force. The Army core up in C-7 Caribon transcore to the Air Force and agreed to not use the Mohawk in a tactical air support role. After this agreement was finalized production orders for additional Mehanks were placed Grumman used this time to more the Mehrair resolution line from Rethrare to a new facility at Stuart. Florida where Mehawk production resumed during 1967. Total production of both the



removed. Despite its builty appearance the dispenser had a negligible effect on the Mosank's Illumination Equipment

### Photo Flare Pod Sound 25 are CV-1C of the 115st SAC partie its construent of the Sai Microson during 1875 Whileon the ground, the propellers were leathered and the side windows were normally left.



# odvoanic Fairing

Strobe Light Panels













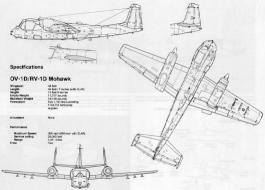


intended to both reduce the aircraft's visibility and lower its intranadisionature. All markings Rear Fuselage Development

on the aircraft are in Flat Black, (Grumman)

OV-1C No Speed Brake taining surveillance of Communist activities in the Rastern Rioc countries. The 73rd CIS has operated the Mohawk longer than any other unit in the Army, receiving their first sircraft during 1961. The 73rd has flown Mohawks in the United States. Vietnam, Germany, and other locations, (Grumman)







### RV-1D

To meet an Army requirement for a dedicated electronic intelligence aircraft (ELINT) Gramman converted one of the early service test Mohawski (YAO-1 57-604) and an analy production (OV-1 (160-1748) as proof of concept prototypes under the Silm-Zaucr coolect. These aircraft were flown during 1962, making them one of the earliest dedicated (LINT aircraft earl ball). Both income were extraordy-exchanged in Frames for an LINT aircraft earl ball. Both income were extraordy-exchanged in Frames for an aircraft services.

poject. These aircraft were flown during 1962, making them one of the easilised dedicated ELINT aircraft were built. Both aircraft were extensively evaluated in Europe for a number of years before being neturned to Grumman.

This project was followed by conversions of a number of OV-ICs to the ELINT tolwork the Quick Look J program. Besides the internal signal receivers and processors

call received the designations RV-IFMs and IG-1985) were used an princippe for an improved ELMT internal moder the gloss level fleeping. These internal that deltapols and camera systems removed and replaced with electronic signal interests attemped and camera systems removed and replaced with electronic signal interests attemses and processors. After a successful to period, the Army condend fining—in IVV-IIIs in the converted to full OV-IID studends and annotified for the ELMT rule under the top of the annotation of the annotation of the students of the students. The RV-IID has all the modifications of the students of the students are the size.

which of the committee of the committee

### RV-1E

Services and the services of t

The day Code STANS come a Code I code



### Mohawk Projects During 1960, Grumman proposed a new variant of the GV-1A Mohawk under the designation AO-IEF (OV-IE). This projected variant retained the wings, engine nacelles, tail landing year, and other components of the basic OV-IA, but would have a com-

OV-1E

pletely redesigned forward fuschage. The fuselage was to be stretched twenty-eight inches forward of the wine, incorporating a second cockpit. The year cockrit would house an additional systems operator for real-time readout of SLAR anchor IR impages. Provisions were to be made for the fitting of both SLAR and infrared equipment. A cubin cubin windows were to be added. As an alterntive configuration, the additional arrace provided by the enforced forward fuscions could also be used for even missions with an internal canacity for some 800 pounds of cargo. In the event, the Army did not accert the

### Model 134F. VTOL Mohawk Another design study made by Grumman involved modifying the Mohawk as a four engined writed take-off and landing (VIOL) are not under the commerced signation G-134E. The G-134E was to be an OV-1 sirfes memodified with a tilt wine and enlarged

fixelass, and featuring a shroughd tail retor mounted harizontally believe to exit ago tion. The VIOL Mohawk was to be powered by four-unborrow enginess either Laconing at the wing tips. The widened fusclage was intended to allow the VTOL Mohawis to be used as an aerial ambulance (two stretchers), cargo aiscraft, eleven seat troop carrier, or





### Model 134R Counter-Insurgency (COIN) Mohawk During the early 1960s. Department of Defense (DOD) planners were faced with the

propert that future were would be one of two types either an all out nuclear war or issued the Light Armed Recognissance Aircraft (LARA) specification. The LARA

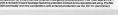
would be operated by the Navy. Air Force, and Marines in the counter-insurgency role, A

OV-1A Mohawk under the company designation Model 134R. When the LARA specifica-The LARA competition inspired some very unusual design studies that had but on

The Greenman Model 134R differed from the OV-1 Mohawk in that it was to have a for Sidewinder air-to-air missiles. In addition to the missiles, the Model 134R was to have development contract when North American's NA-300 entry (later designated the OV-10) was relacted as the winner of the LARA contract. The Model 134R did not progress

further than the engineering study/model stage







## VIETNAM The first Mishawk unit to declors to Vietnam was the 23rd Special Warfare Asiazion

Detachment Figure 200 with all minimization As, the Detachment deployed to Virtual ment Specificated for Me, with men ministed preceding at assemiliation in support of mental mental processing at a semiliation in support of mental me

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the capabilities of the Mohamas Theore are that bediened Arey, efficient we the luminosis foot look and considerate the region of the Mohamas Co. 124 of McCorn Bankfard of Sammers to the 5° Colley crashing pass. Melanch have contributed Bankfard of Sammers to the 5° Colley crashing pass. Melanch have contributed the step that neural banks of the Sammers of the Sammers of the Sammers of the latest tegal the search distinct theory in the open, there can open as feedings toget that, unless insuch only support, will depress and discrepant. It for this that a collection to the step that the search of the Dark commanders were quality that look of the searcing the minimum of the Mohamas of containty Mohamas of the 25° College the search of t

observers. Ground units quickly developed special pinto-enound procedures to exploit

and constails Mohawka did surg 2.5 inch socket poll.

Additional Mohawka street in Tream derragethe Fill of 1964 when the 4th Actial

Additional Mohawka street in Tream derragethe Fill of 1964 when the 4th Actial

Based ON-102.

Bits and ON-103.

During the resist with the 11th Act assumit Devisions the Adhusska were formation and one of the Advances of the Advanc



Motors by wen deleted from the tobic of organization when the 1 list Ar Assault 1990; to became the 16 creatify Devisional Instance also alleged and a large 1000. Reverse air accurated to became the 16 creating Devisional Instance and 1000 development of the 1000 devision and 1000 development of 1000 development of 1000 development in 1000 development of 1000 deve

In December of 1965, the Air Ferce launched Operation TIGER HAND, a series of

actacks against the Ho Chi Minh Trail. The trail was used by infiltrators coming from

North Visinan in Smill Victorius and seas who leaves supply lim. The few provided of VVV is tomorrow for until a sight become proposition deep State III. If The CVV-1 is tomorrow for until a sight become proposition deep State III. If The CVV-1 is tomorrow for until a sight become proposition of the sight of the sig



stations, a total of fifty-two 2.75 inch FFAR rockets could be carried by the Mohawk. This JOY-1A Mohawk is assigned to the 73rd SAC based at Yung Tau, Wetners during October of 1966, (Author) **OV-1 Armament** 

2.75 Inch Rocket

YM157 Seven Shot

XM159 Nineteen Shot



Most of the twenty-seven Mohawks lost during the Vietnam war were shot down by come ground fire except for one OV-1 that was destroyed on the ground during an enemy attack on its base during by 1968 and one other that was lost to a SA-2 Guideling

surface-to-air missile (SAM) while on a mission near the DMZ during 1966. A further aircraft would tilt slightly, sending the gilot's seat out of the aircraft at an angle. Once the There is no doubt that the Mohawks filled a real intelligence need in Vietnam. For the

nothe VNAF this lengthy reproduce bolto increased requests for direct Mohawk air supaircraft providing that surrout.

### A Molecular of the 70ot S&C arrest with 50 nather machine our pods and 2.75 inch rocket pods, sets in a revetment made of send filled 55 gallon fuel drums at Yung Tau, Vietnam during October of 1986. (Author)



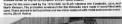
Fast, quiet, and rugged, the Mohawks in Vietnam proved their worth time and again. OV-1s could out maneuver the SA-2, although one OV-1 was shot down by an SA-2 dur-At the battle of Ia Drame during 1965 and later in the Bone Son Campaign Mohrada ing 1966, By 1969, passers was unit on equipment was mataned our any operar-ing along the DMZ, giving them a much earlier warning of a rular layleon and missile Working at night with Army Cobra AH-1 heliconters as hunter-killer teams, the Mohawks also provided real-time imagery to locate enemy sampans and other targets points discovered by Mohawk radar and the Marines made conduse of Mohawk micho OV-1Rc used their SLAR to monitor enemy activity along the DMZ. These flights were and purpose. The register continuous of the Over proved a too surgistring trees, particularly when Virt Conglores began employing heavier anti-aircraft weapons. The Mobarek's reputation and high surgisability reconsisted the frustrated VC to offer a \$1,000 radar guidance signal of the SA-2 caused static bars to show up on the SLAR resident readiness rate of any Army aircraft that served in Victnam. At times the Mohawk units was based at Yung Tau, Vietnam, a beautiful Rest & Recreation (R&R) center about thirty-five







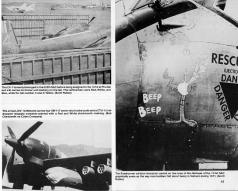












# Operations The Authority unique combination of extremely sensitive sensors and remails intelligent to the condense of the cond

Non-military Mohawk

poventment agroudes to make use of the Mohawk in a variety of special mon-military of special mon-military infrared systems to survey; belongs, recorded spills atom, detectine at loss is government buildings, measure carchiquiske faults, and as a monitoring system for pollution conred.

Army Assistance to Federal/State Agencies

Army OV-10 Mehavik have been placed under the control of the C. S. Frome Service
in the forest first prevention and Using the IR systems, the Mehaviks have flown ministers
over automat Services of course the remains of camp fires. Others a bett spot was detected,
serior Great requirements were recorded to the elite better. Mekhavik cover, we insignate thousand for

used a risk pipeline surveys, Encocyptoline has special in Allockian pipeline in them night cered the presence of a not lited.

In a specimal or arrise of missions. Mahawak of the 6-filts Milliony, Intelligence Butliation, Origina Missional Guarde based our of Salano. Origina were used as measure for coupless of Mission brain Hales on caring 1900. The Missionskin reconsider the respition on which the cereor, and possibly preside histories actions;

Many Mohawak have flowers missions for various state agencies to member conditions in rings (moraling benefit in principle Procedure Internal Plane (CDEI).

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Mohawks in Other Government Agencies
The National Accounties and Space Administration (NASA) has also used the
Mohard for a marker of test programs. Is one-series of tests NASA did asymmetrical
testing for rosis-volutusin For these-resists the Mohawks had a small jet engine matachle.

toting for noise evaluation. For these tests the Mohawak had a small green give attending to Domewing. The two mixed in Official NASA was NASA (Queed-2000) and NASANA trace-64-1201 NASA that occur amount of the Mohawak for a Green Lancis to electric and the Mohawak of the Mohawak of the Mohawak of the Asia and the Mohawak of the Mo Rememon Feward Leading Inferred (FUE) years in stated in a small tree for the man. To FLT are on sould be not because in sight decaption is not colors. In the FLT are common to the state of the state of the state of the state of the specific Chemical State of the specific Chemical State of the LOSEN-VIII. Outputs that state of the s

Semi-active (W. IC were modified but architect Aircreft at Marietta Georgia with a Tax or

With the CHI Bith Malesters could are times a state of merchanic or the large are formed to the country of the

Ac OV-10 if he 64 fet Million yirreligence flottakino, Oregon Notional Guerci is looked with commence, as 15.0 is steeled light and ofer seamon for a resistant cuting the unprior of the Mount Saint Nomes volcano during in 1980. (Grunness)











During JPA, the USGG OV-18 was native surveign for must of the Alaskan of popilities and, then they are in helpful salley polities and, then the Good file North could of Alaska Inthe florest Aucti, the new data ejections search admitted a copyled airment of the Alaska Inthe florest Aucti, the new data ejections search admitted as copyled airment of the Alaska Inthe florest Aucti, the new data ejection search admitted as copyled airment of the airment of the Alaska Inthe florest and the mergary. Melaning arth at seadle airment are very cross to disk the airment and have a must better chance at survival airment and airment airment

The U.S. Customs Service used the Mohawk to track suspected drug smuggler alterall in day, right, or had weather. The Customs Service operated the Mohawk for some Siteen years before finely replacing their during 1686 with Grunnan E-2C Hawkeyes. (Vernon Science) power glann during the early 1900. The specially equipped Mohrack could dreet as 30 meteors are sufficient to the special political poli

used in the filming of two scircision series, "Blue Thunder" and "Art Wolf." Usually 6 Mohawk was cast in the role of a bad gay with underwing gan pods.





# Future Mohawk Programs At the beginning of the OV-1 program, the Arms had planted that the Mechanic

would have a freenity was servicetific. Now come thirty years later, soldy a relatively feet with wholevals have resulted a sould of 2000 light boose, or a slid of the Mohawkk eigenal doing it slige; life, the a servicitation or youth, to be equipment installed on the CP-1-1 Decided of the CP-1-1 Decided of

wing replacement interact under consideration or design and Army officials indicate that it will be close to the year 2000 before work on a replacement for the Moharsk will be started.

With this is mind the Army continues to plan progressive updates and improvements.

for their forcit (ON-ID/NC-ID) that will laise plot alread in front the service and laise the executing. No action of which their stall now during an approximation on the ON-ID Medicals, will be lighter tail now during an approximation as explained to the ON-ID Medicals, will be lighter tail now during their communications as explained to the oral reducing Tolland and their stall configuration of their stall reducing their artificials to the early object already to the stall reducing the already in light grant Configuration and their stall reducing the already to their stall reducing the configuration of their stall reducing the already are changed to their which as tables are many should reducing the configuration of their stall reducing the configuration of their stall reducing their stall reducing the configuration of their stall reducing their stallar reduci

and NY-110s, and manufact first Monawore policy to service on the modern candidated. These improvements will entable commanders to continue to base tiche hardinelard. These improvements will entable commanders to continue to base tiche hardinelard, Presently, the Mohark's in old programmated to carry weapons, however, it does carry some of the most spekish care of extreme and manying systems everying nine attack that control attention. The OV-1 control is the old programmate and are carried offerer things that control attention that the other control is the old programmate and the carried of the order that control attention to the old programmate and the carried of the order that can be a set of the order to the order of the order order of the order of the order of the order of the order of t

because it confirmed to deterwite what it was designed to do. The attribute has been many to be externed, adoptable allowing the Mohrank to be successible adoptable allowing the Mohrank to be successible adoptable in curry rigidly changing norveillancetechnology. Today the Mohrank to the Army compliance of the Table of the Mohrank to the Army compliance. The OVI is not of the salest instruct a currently in the military investings, It has all weather capability, ample emergency and back-up systems, and if all cleef india, ejection state. Grummen conditions to work on future progressive the OVI-1D Mohrank Recomby

trees have over represent the chargin accommodate institute that are considered to the companion of the CVM attritumes under the designation OV-LE. Not detailed this lamp regional have been released as this state, between it is believed that other terminal with the impound made the released of the contract of the con

the Mohsuk was 390 aircraft of these, approximately 225 are still in active service. Current Army Milliary Intelligence bittilizios consistof a comparer of meta tractive CVIII IDs augmented by a second company equipped with its RV-1Ds and six RL-2TARC-12 aircraft. There are currently its active and server-Nictional Genetic bittalions, plass various support and training companies. There are two bentalions based in Europe, and



Sendon like Extension and other reduid programs, the Armywill ensure their the Nobleck's paragreement and ensures will heap the identification ensures and object to the object and operational requirements, [Dong Scellat] one is a Korea, while the US based units often deploy to box spots door no home, whose lab where we used in Control Americano monitorimuse ensures visit in Honduras.

Most of entire CV-1As are available for finance rebuild programs, being held in though all Dole-Manthan Air-Force Beam can be look. All courses. These area for all able should the Aerry decision gost about with the CV-11 in the billion program. Accord Army commander pair. The best replacements for the followless would be matter Medical. This Me-10 Nathons (Set-1634) of the 2nd Million (restinguese Battajo has in exposure pair of the USAN Diverses, (Sethion).





Service Measurement programs undother improvements it will probably make it service for peers to come. Mohawks are expected to remainful service with both the regular Army and National Guard well into the late 1990s. (Wayne Mutter)

This OV-10 (68-15954) of the 64-tst Military Intelligence Battation corries a small contour character on the mose past in front of the Black spection seat triangle. The wheel wells and landing per door interiors are paired (Sixes White. (Deciglas Sixes)).











